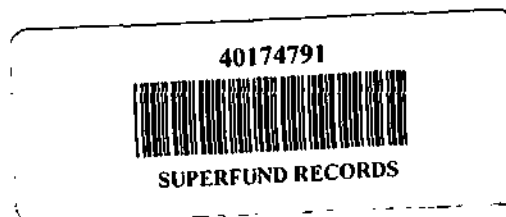


TES

Site: <u>Herculaneum</u>
ID# <u>MO0006246372</u>
Break: <u>2.0</u>
Other: <u>2-78-03</u>

A717



Herculaneum, Missouri
• Community Advisory Group Meeting

February 18, 2003
 Bruce Morrison, EPA
 Jim Silver, EPA (636) 475-3926
 Hattie Thomas, EPA
 EPA Toll Free Phone # 1-800-223-0425

Current EPA Actions at Site

- Surface soil replacement
- Improve smelter operations/reduce emissions
- Cleaning homes to HUD standards
- Community Awareness
- Monitoring for recontamination

Site Progress

- 167 yards completed; 67 refusals
- 83 home interiors completed; 134 refusals
- 97 vacuums provided by EPA
- 908 yards sampled; 616 yards have all or partial lead contamination above 400 ppm

Site Progress Cont.

- All yards above 2,500 ppm lead have had soil removed; backfilling and seeding needed at 8 properties
- Doe Run required to complete 60 residential properties in 2003
- Slag Pile perimeter fence completed February 5, 2003
- Progress tracking table provided to CAG Chair

Air Monitoring Data

- Fourth quarter 2002 – Doe Run's data shows that the area met the ambient air standard for lead of 1.5 ug/m3
- Doe Run's Data for Broad Street – 1.05 ug/m3 fourth Quarter average
- State Data for Broad Street – 1.016 ug/m3 for fourth quarter average
- Doe Run's January average for Broad Street – 0.8 ug/m3

Home Interior Status

- Doe Run has agreed to re-clean homes above HUD standards where children (up to 72 months) live
- EPA conducting re-sampling of previously cleaned home interiors
- 3 homes have been identified for interior re-cleaning
- Focus group formed to develop site-specific strategy and standards

Focus Group Status

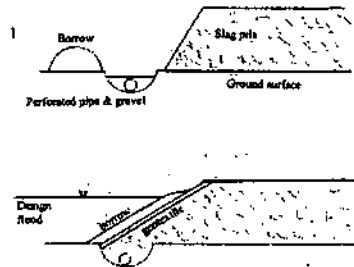
- Lead dust experts provided preliminary recommendations for site on 12/19/02
- Preliminary recommendations include reducing the HUD standards and modifying sampling protocols
- Focus group met on 2/13/03 to share agency and community responses to preliminary expert recommendations

Slag Pile

- Partial perimeter fence completed February 5, 2003
- EPA proposing interim measures that control surface runoff and isolate the pile from 10-year flood events
- Proposal has two options for Interim flood protection;
 - 1) Berm around the pile
 - 2) Capping the base of the pile

Option for Flood Control / Storm Water Collection at Slag Pile

Use geotextile and compacted earth for cover
Minimize earth moved
Minimize slag pile footprint



Phosphate Treatment of Soils

- Doe Run has requested using this technology for some soils
- Limited studies look favorable
- EPA will be requiring additional research and field studies
- Field studies will not be performed on occupied, residential properties
- EPA's letter of response has been provided to CAG Chair

Property Access from Owners

- EPA encourages access to protect public health
- Access needed to conduct additional dust fallout data